

NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

The drawing filed (insert date) 10/23/97 age:

- A. not objected to by the Draftperson under 37 CFR 1.84 or 1.152.
- B. objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:

Black ink. Color.

Color drawing are not acceptable until petition is granted.

Fig.(s) _____

Pencil and non black ink is not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

Photographs are not acceptable until petition is granted.3 full-tone sets are required. Fig(s) _____Photographs not properly mounted (must be on board orphotographic double-weight paper). Fig(s) _____Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(c)

Paper not flexible, strong, white and durable.

Fig.(s) _____

Erasures, alterations, overwritings, interlineations,folds, copy machine marks not acceptable. (too thin)Mylar, vellum paper is not acceptable (too thin).

Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4)21.6 cm by 27.9 cm (8 1/2 x 11 inches)All drawings sheets not the same size.

Sheet(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cmSIZE: A4 SizeTop 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cmSIZE: 8 1/2 x 11Margins not acceptable. Fig(s) 5Top (T) X Left (L)Right (R) _____ Bottom (B)

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision tocorrespond to drawing changes.Views connected by projection lines or lead lines:

Fig.(s) _____

Partial views. 37 CFR 1.84(h)(2)Brackets needed to show figure as one entity.

Fig.(s) _____

Views not labeled separately or properly.

Fig.(s) _____

Enlarged view not labeled separately or properly.

Fig.(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

Hatching not indicated for sectional portions of an object.

Fig.(s) _____

Sectional designation should be noted with Arabic orRoman numbers. Fig.(s) _____

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

Words do not appear on a horizontal, left-to-right fashion whenpage is either upright or turned, so that the top becomes the rightside, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

Scale not large enough to show mechanism without crowdingwhen drawing is reduced in size to two-thirds in reproduction.

Fig(s) _____

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

Lines, numbers & letters not uniformly thick and well defined;clean, durable and black (poor line quality).Fig(s) 1-4

11. SHADING. 37 CFR 1.84(m)

Solid black areas pale. Fig(s) _____Solid black shading not permitted. Fig(s) _____Shade lines, pale, rough and blurred. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.

37 CFR 1.48(p)

Numbers and reference characters not plain and legible.Fig(s) 1-4Figure legends are poor. Fig(s) _____Numbers and reference characters not oriented in the samedirection as the view. 37 CFR 1.84(p)(3) Fig(s) _____English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) _____Numbers, letters and reference characters must be at least.32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) _____

13. LEAD LINES. 37 CFR 1.84(o)

Lead lines cross each other. Fig(s) _____Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(i)

Sheets not numbered consecutively, and in Arabic numeralsbeginning with number 1. Fig(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

Views not numbered consecutively, and in Arabic numerals,beginning with number 1. Fig(s) _____

16. CORRECTIONS. 37 CFR 1.84(w)

Corrections not made from PTO-948 dated _____

17. DESIGN DRAWINGS. 37 CFR 1.152

Surface shading shown not appropriate. Fig(s) _____Solid black shading not used for color contrast.

Fig(s) _____

COMMENTS

REVIEWER JDDATE 3/27/98TELEPHONE NO. 7033058404

ATTACHMENT TO PAPER NO. _____

PTO COPY

COMMENTS

REVIEWER: M.A.

ATTACHMENT TO PAPER NO.

NOTICE OF DRAFTSPERSON'S INFORMATION ON HOW TO MAKE DRAWING CHANGES PATENT DRAWING REVIEW

1. Correction of information in 37 CFR 1.82

The drawing(s) filed (insert date) 11/02/99 are:

A. ☒ approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. ☐ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require

submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

The new drawings will be charged with the charges indicated below. The application number at the top of the drawing must be the same as the application number of the drawing to which it is being added, and the name and telephone number of a person to call if the Office

1. DRAWINGS. 37 CFR 1.84(f). Acceptable categories of drawings:
 - Black ink on white paper.
 - Color drawings are not acceptable until a petition is granted.
 - Fig(s) _____
 - Pen and ink on black background is not acceptable.
 - Fig(s) _____
2. PHOTOGRAPHS. 37 CFR 1.84(b)
 - 1 full-tone set is required. Fig(s) _____
 - Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____
 - Poor quality (half-tone). Fig(s) _____
3. TYPE OF PAPER. 37 CFR 1.84(e)
 - Paper not durable, strong, white, and suitable for making drawings. Fig(s) _____
 - Erasures, alterations, overwritings, interlineations, and folds, copy marking marks not accepted. Fig(s) _____
 - Mylar, velum paper is not acceptable (too thin). Fig(s) _____
4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable sizes:
 - 21.0 cm by 29.7 cm (DIN size A4)
 - 21.6 cm by 27.9 cm (8 1/2 x 11 inches)
 - All drawing sheets not the same size. Fig(s) _____
 - Sheet(s) _____
 - Drawings sheets not an acceptable size. Fig(s) _____
5. MARGINS. 37 CFR 1.84(g). Acceptable margins:
 - Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 - SIZE: A4 Size
 - Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm
 - SIZE: 8 1/2 x 11
 - Margins not acceptable. Fig(s) _____
 - Top (T) _____ Left (L) _____
 - Right (R) _____ Bottom (B) _____
6. VIEWS. 37 CFR 1.84(h)
 - REMINDER: Specification may require revision to correspond to drawing changes.
 - Partial views. 37 CFR 1.84(h)(2)
 - Brackets needed to show figure as one entity. Fig(s) _____
 - Views not labeled separately or properly. Fig(s) _____
 - Enlarged view not labeled separately or properly. Fig(s) _____
7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
 - Hatching not indicated for sectional portions of an object. Fig(s) _____
 - Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____
8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(g)
 - Words do not appear on horizontal left or right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____
 - SCALE. 37 CFR 1.84(k)
 - Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____
9. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(i)
 - Lines numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____
 - Solid black areas pale. Fig(s) _____
 - Solid black shading not permitted. Fig(s) _____
 - Shade lines pale, rough and blurred. Fig(s) _____
10. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)
 - Numbers and reference characters not plainly legible. Fig(s) _____
 - Figure legends are poor. Fig(s) _____
 - Numbers and reference characters not oriented in the same direction as the views. Fig(s) _____
 - English alphabet not used. 37 CFR 1.84(p)(2)
 - Fig(s) _____
11. LEAD LINES. 37 CFR 1.84(q)
 - Lead lines cross each other. Fig(s) _____
 - Lead lines missing. Fig(s) _____
12. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)
 - Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s) _____
13. NUMBERING OF VIEWS. 37 CFR 1.84(u)
 - Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____
14. CORRECTIONS. 37 CFR 1.84(w)
 - Corrections not made from prior PTO-948 dated _____
15. DESIGN DRAWINGS. 37 CFR 1.152
 - Surface shading shown not appropriate. Fig(s) _____
 - Solid black shading not used for color contrast. Fig(s) _____

COMMENTS

REVIEWER: LAM

DATE: 08/12/99

TELEPHONE NO. _____

ATTACHMENT TO PAPER NO. _____

REMARKS TO DRAWING REVIEW
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REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting drawing changes.

INFORMATION ON HOW TO EFFECT DRAWING CHANGES

1. Correction of Informalities—37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

2. Timing of Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining as extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.